



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/591,035	06/09/2000	Laurence E. England	STL9-2000-0063US1	2584
47069 7590 11/26/2008 KONRAD RAYNES & VICTOR, LLP ATTN: IBM54 315 SOUTH BEVERLY DRIVE, SUITE 210 BEVERLY HILLS, CA 90212				
EXAMINER				
MIRZA, ADNAN M				
ART UNIT		PAPER NUMBER		
2445				
NOTIFICATION DATE		DELIVERY MODE		
11/26/2008		ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

krvuspto@ipmatters.com

Office Action Summary

Application No.

09/591,035

Applicant(s)

ENGLAND ET AL.

Examiner

ADNAN M. MIRZA

Art Unit

2445

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 September 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1, 2, 4 and 6-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 2, 4 and 6-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/02)
- 4) ☐ Interview Summary (PTO-413)
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____
- Paper No(s)/Mail Date 09/30/2008

DETAILED ACTION

As to Board's decision applicant cancelled the claim 3, 5 and 9-24 and presented claims 1-2, 4, 6-8 for submission.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-2, 4, 6-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Helgeson et al (U.S. 2002/0073236) and in view of O'Brien et al (U.S. 6,351,776).

As per claims 1,9,17 Helgeson disclosed a computer implemented method of adapting a transaction-based mainframe application to process transactions over a network, said transaction-based mainframe application comprising source code describing a transaction and information related to the transaction, hereinafter related information, said method comprising: scanning the source code of the transaction-based mainframe application and identifying the transaction and the related information (Page 2, Paragraph. 0016); wherein the transaction-based mainframe application originally does not process transaction over a World Wide Web (Page. 3, col. 0039); storing in a database the related information identified in the scan of the source code, wherein

after identified information (Page. 19, Paragraph, 0381-0382); extracting from the database parameter definitions describing communication of information by the transaction, hereinafter extracted information; identifying a parameter usage type for each parameter (Page. 12, col. 0277-0278, Page. 48, col. 0836), said parameter usage type selectable from the parameter usage type set comprising input, output, input/output, and unreferenced; hereinafter identified information displaying the transaction and a subset of the related information and extracted information (Page. 19, col. 0387); Wherein the identified connector enables the transaction-based application to process transactions over the web by enabling the transaction to be passed from a web application server to the transaction-based mainframe application (Page. 21, Paragraph. 0420 & Page. 22, Paragraph. 0424). One ordinary skill in the art at the time of the invention knows that couple of ways first by scanning the codes to transfer the application content between two different operating system and it doesn't matter to what kind of operating system should be included and second by specifying the specific parameters.

However Helgeson does not disclose in details receiving user input selecting the transaction; and in response to receiving the user input, generating a communication area file that includes a definition and a declaration of the data to be passed to and from the transaction-based mainframe application that and a documentation file that provides documentation that describes the communication area file using the identified information and the extracted information, with the connector building tool, parsing the communication area file; and building the connector using the identified information and the extracted information wherein the transaction-based mainframe application is enabled to process transactions over the web.

In the same field of endeavor O'Brien disclosed the user must be sent back to the same database query is made at step 740 to determine if that database is still up. If it is, the request is passed to the pool specification where it is subsequently passed to the database object, on to the connection pool and the appropriate database, either the transactional database or the query database (col. 15, lines 21-27). By coordinating the two basic layers of the file manipulation service, the server is able to respond with generally the same XML code to all the clients. The client is then responsible for converting the XML to a relevant data structure and displaying the XML in an appropriate context. In the present invention, the JavaScript web client receives client receives the XML code and parses it into a JavaScript data structure. A display layer in association with the client and/or browser renders that data structure as an HTML document (col. 19, lines 36-45).

It would have been obvious to one having ordinary skill in the art at the time of the invention was made to have incorporated the user must be sent back to the same database query is made at step 740 to determine if that database is still up. If it is, the request is passed to the pool specification where it is subsequently passed to the database object, on to the connection pool and the appropriate database, either the transactional database or the query database. By coordinating the two basic layers of the file manipulation service, the server is able to respond with generally the same XML code to all the clients. The client is then responsible for converting the XML to a relevant data structure and displaying the XML in an appropriate context. In the present invention, the JavaScript web client receives client receives the XML code and parses it into a JavaScript data structure. A display layer in association with the client and/or browser

renders that data structure as an HTML document as taught by O'Brien in the method of Helgeson to make it efficient for the files to be available worldwide through the Internet and providing means by which files and other data may be stored on the Internet and made available worldwide through the Internet.

2. As per claims 2 Helgeson-O'Brien disclosed wherein the communication area file contains information which can be parsed by a connector building tool (O'Brien, col. 16, lines 61-67, col. 17, lines 1-9).
3. As per claims 4 Helgeson-O'Brien disclosed wherein the documentation file comprises field description information and connection information (O'Brien, col. 13, lines 39-49).
4. As per claims 6 Helgeson-O'Brien disclosed comprising using the identified information and extracted information to build an enterprise Java bean connector (O'Brien, col. 15, lines 21-41).
5. As per claims 7 Helgeson-O'Brien disclosed wherein the database can be queried to find program parts comprising the transaction-based mainframe application and identify relationships between the program parts (Helgeson, Page. 12, col. 0277-0278)

6. As per claims 8 Helgeson-O'Brien disclosed wherein the related information is a member of the set comprising relationships, call hierarchies, transactions, communication areas, parameters, the flow of data elements, and resources employed (Helgeson, Page. 21, col.0420).

Response to Arguments

7. Applicant's arguments with respect to claims 1-2, 4, 6-8 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

8. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Adnan Mirza whose telephone number is (571)-272-3885.

9. The examiner can normally be reached on Monday to Friday during normal business hours. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on (571)-272-3933. The fax for this group is (703)-746-7239. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

10. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at (866)-217-9197 (toll-free).

/Adnan M Mirza/

Examiner, Art Unit 2445

/Larry D Donaghue/

Primary Examiner, Art Unit 2454